Instructions for use

Digital Receiver In-the-Ear (RIE) hearing Instruments

Beltone™

FCC ID: X26SY312, Type Designation: SY312
FCC ID: X26SY312e, Type Designation: SY312e
FCC ID: X26MRIE, Type Designation: MRIE

This device operates in the frequency range of 2.4 GHz - 2.48 GHz. This device includes an RF transmitter that operates in the range of 2.4 GHz - 2.48 GHz.

Statement:

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from the one in which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications can void the user´s authority to operate the equipment

Intended use:

Generic air-conduction hearing instruments are wearable sound-amplifying devices intended to compensate for impaired hearing. The fundamental operating principle of hearing instruments is to receive, amplify, and transfer sound to the ear drum of a hearing impaired person.

List of countries:

Products without wireless functionality are intended for worldwide sales.

Products with wireless functionality are intended for sale in countries within European Economic Area as well as Switzerland.

Specification of restrictions:

You are not allowed to operate the equipment within 20 km of the centre of Ny Ålesund, Norway.

The products are in compliance with the following regulatory requirements:

- In EU: the device conforms to the Essential Requirements according to Annex I of Council Directive 93/42/EEC for medical devices (MDD) and essential requirements and other relevant provisions of Directive 1999/5/EC (R&TTE). The declaration of conformity may be consulted at www.beltone-hearing.com
- In US: FCC CFR 47 Part 15, subpart C, section 15.249
- There are other identified applicable international regulatory requirements in countries outside EU and US. Please refer to local country requirements for these areas.
- Products are categorized as receiver category 2 according to EN 300 440

Digital Receiver In-the-Ear (RIE) wireless hearing Instruments models (type SY312) are available in following variants:
TRU1763DW, TRU1763DPW, TRU963DW, TRU963DPW, TRU663DW, TRU663DPW, TRU363DW, TRU363DPW

Digital Receiver In-the-Ear (RIE) wireless hearing Instruments models (type SY312e) are available in following variants:
PSE1763-DRPW, PSE1763-DRW, PSE1763-DRSW, PSE963-DRPW, PSE963-DRW and PSE963-DRSW

Digital Receiver In-the-Ear (RIE) wireless hearing Instruments models (type MRIE) are available in the following variants:
TRU1764DW, TRU1764DPW, TRU964DW, TRU964DPW, TRU664DW, TRU664DPW, PSE1764-DRPW, PSE1764-DRW, PSE1764-DRSW, PSE964-DRPW, PSE964-DRW and PSE964-DRSW

A new Beltone hearing instrument

Congratulations on your choice of a Beltone hearing instrument!

This is an important step towards clearer hearing and better understanding. We have used all of our experience with hearing instruments to help you communicate, lead an enjoyable social life and listen to the world around you.

Your hearing instrument is a very advanced device. Your hearing care practitioner has tuned it to your individual needs. With a little devotion and patience you will become familiar with it.

This booklet is a short guide to assist you in getting acquainted with your hearing instrument. Read it carefully and use it as a guideline.

We wish you happiness and pleasant listening with your new instrument.

Beltone

This booklet & your instrument

In this booklet you will find instructions for inserting and controlling your new hearing instrument. You will find explanations on controlling your instrument, on daily handling and on its use. Furthermore, you can read what to do if things do not live up to your expectations. We will give a few practical steps towards better hearing.

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Warning to hearing care professional ⚠

A hearing care professional should advise a prospective user to consult promptly with a licensed physician (preferably an ear specialist) before setting the instrument if the hearing care professional determines through inquiry, actual observation, or review of any other available information concerning the prospective user that the prospective user has any of the following conditions:

(i) visible congenital or traumatic deformity of the ear;

(ii) history of active drainage from the ear within the previous 90 days;

(iii) history of sudden or rapidly progressive hearing loss within the previous 90 days;

(iv) acute or chronic dizziness;

(v) unilateral hearing loss of sudden or recent onset within the previous 90 days;

(vi) audiometric air-bone gap equal to or greater than 15dB at 500 Hz (hertz), 1000 Hz, and 2000 Hz;

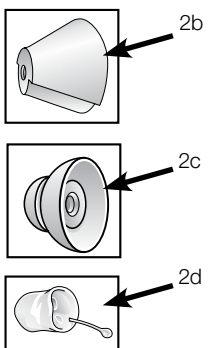
(vii) visible evidence of significant cerumen accumulation or a foreign body in the ear canal;

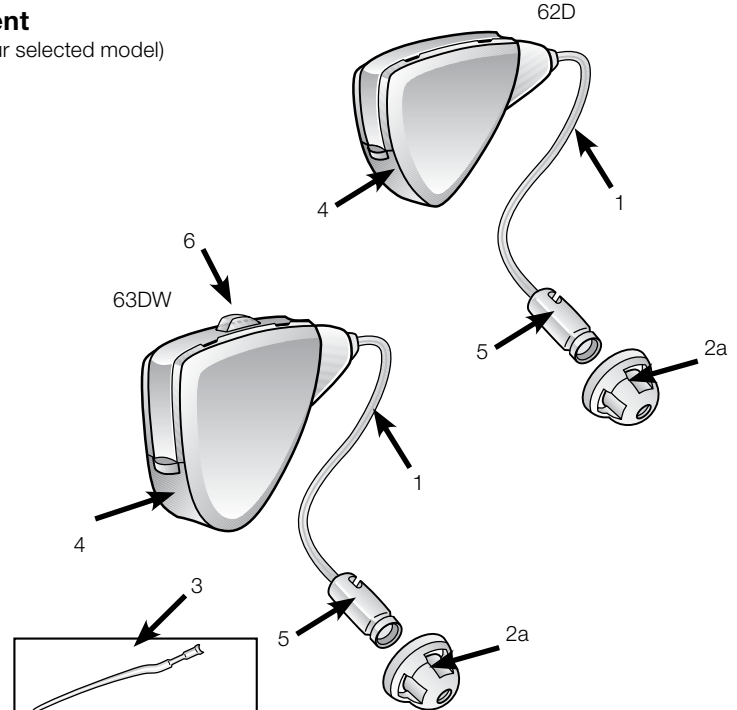
(viii) pain or discomfort in the ear.

Your Hearing Instrument

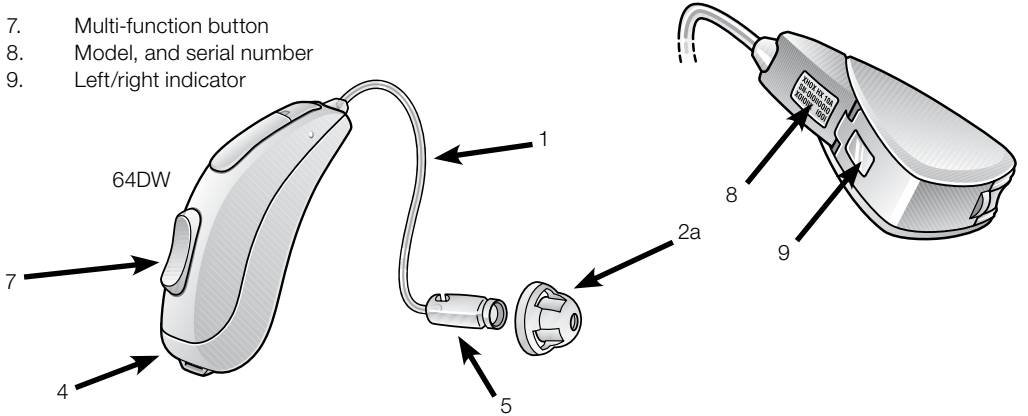
(Please see page 48-52 for your selected model)

1. Receiver tube
2a. Receiver Mini Dome
2b. Receiver “Tulip” Dome
2c. Receiver Power Dome
2d. RIE mold
3. Sports lock
4. Battery compartment
5. Receiver
6. Push button





7. Multi-function button
8. Model, and serial number
9. Left/right indicator



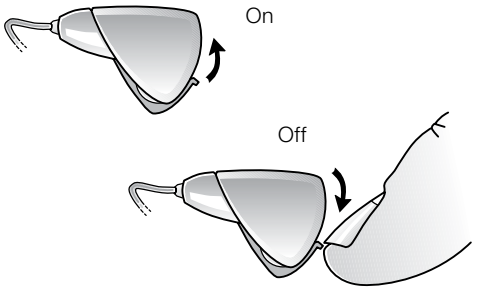
Available Receiver Tube Models

S Receiver | NP Receiver | P Receiver

On/Off function

Your hearing aid is equipped with an on/off switch integrated into the battery compartment.

When the battery compartment is fully closed, the instrument is turn-ed on. To turn the instrument off, grasp the battery compartment door with your fingernail and gently pull downwards. The power will switch off at the point where you can feel a small click. Whenever you are not wearing the instrument, remember to turn it off to reduce battery consumption.



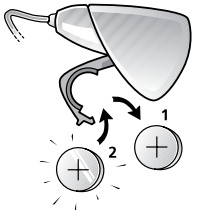
Delayed Activation

Your hearing care professional may have activated the Delayed Activation function in your hearing instrument. The Delayed Activation delays the switch-on time 10 seconds after closing the battery compartment. This is indicated by beeps at one second intervals after closing the battery compartment, which means that you could hear 10 beeps before the hearing aid is activated.

If you wish, it can be deactivated by your hearing care professional.

Changing batteries

(Please see “Your selected model” for the battery size of your hearing instrument)



Low battery indication

Your hearing care professional can set your hearing instrument to give an acoustical indication when the battery is reaching its end of life. The hearing instrument will reduce amplification and emit a melody if battery power gets too low. This signal will recur every five minutes until the hearing instrument automatically switches off. It is recommended that you keep spare batteries on hand.

Low battery indicator (when paired with Direct Line accessories)

Active usage of Beltone Direct Line accessories (for example: Remote Control, TV Link, and Phone Link) requires more battery power from the hearing instrument than when these are working on their own. When the battery in the hearing instrument has depleted to a level at which use of the TV Link, and Phone Link or Personal Audio Link cannot be supported, the hearing instrument will play two sets of descending tones. At some point the battery level will not support the remote control either and you will once again hear the descending tones. The hearing instrument will continue to work as usual. Once a new battery is inserted, full operation of the wireless accessories will resume.

Replacing the battery

Open the battery compartment completely by using your fingernail. After removing the old battery (if present), insert the new one with the positive (+) side in the correct position. Please make sure that you have the correct size battery for your hearing instrument. Gently close the battery door. Do not force it closed. If door does not close easily, remove battery and try again.

For best performance, always use new Zinc-Air batteries that have a minimum remaining shelf life of 1 year.

Whenever the hearing instruments are not in use, remember to turn them off to avoid unnecessary battery consumption.

Battery warning information ⚠

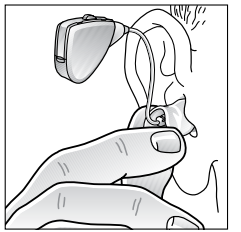
Batteries contain dangerous substances and should be disposed of carefully in the interest of your safety and for the environment.

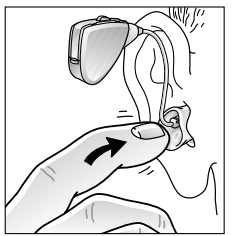
- Keep batteries away from pets, children and mentally challenged persons.
- Do not place batteries in your mouth. Consult a physician immediately if a battery has been swallowed, as they can be harmful to your health..
- DO NOT burn the batteries, as they could explode.
- DO NOT attempt to recharge batteries (Zinc Air) which are not specifically designated rechargeable as they may leak or explode.
- Replace spent batteries and do not leave them in the instrument for a prolonged period to prevent leakage.
- Used batteries are harmful to the environment. Please dispose of them according to local regulations or return them to your hearing care practitioner.
- Remove the batteries to prevent leakage when the hearing instruments are not in use for an extended period of time.

Inserting and removing the device

Inserting custom RIE molds:

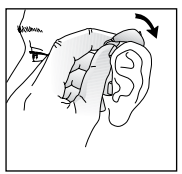
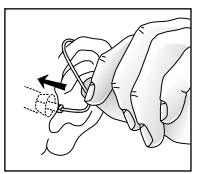
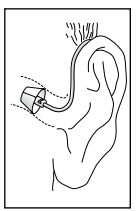
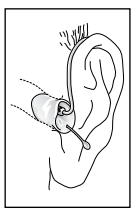
1. Hold the RIE mold between your thumb and index finger and position its sound outlet in your ear canal.
2. Slide the RIE mold all the way into your ear with a gentle, twisting movement.
3. Move the RIE mold up and down and gently press to ensure it is positioned correctly in the ear. Opening and closing your mouth can ease insertion.
4. Make sure the hearing instrument is seated behind the ear.





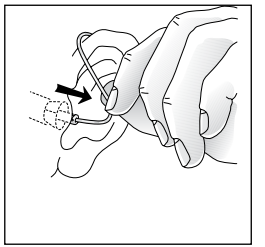
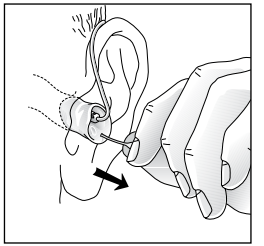
Inserting receiver domes:

1. Hang the instrument over the top of the ear.
2. Grasp the receiver tube where it bends and push the receiver dome into your ear canal. The receiver dome should be placed far enough into the ear so that the receiver tube lies flush with your head.
3. If the hearing care professional has provided you with a sport lock on the receiver tube, make sure to position it into the indentation above the earlobe.
4. When the receiver dome is placed appropriately, you should not see the receiver tube sticking out when you look directly into a mirror.
5. If the device whistles, the most likely reason is that the receiver dome is not placed correctly in the ear canal. Other reasons can be build-up of earwax in the ear canal. It is also possible that the instrument settings are not optimal. To help you solve these issues it is recommended to contact your hearing care professional.

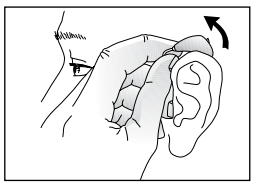





Removing:

1. Grasp the receiver tube where it bends, or pull-out cord when using an RIE mold, and pull the receiver dome out of your ear canal.

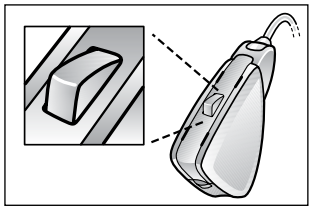
2. Lift the hearing instrument of your ear.



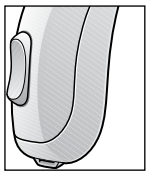
⚠ Note: You should never attempt to bend or modify the shape of the hearing instrument, RIE molds, or receiver tubing yourself.

Program and Multi-Function buttons

If you have a hearing aid with a program button or multi-function button, this will allow you to use up to four different listening programs, each of them suitable for certain situations.



Program button (63DW)



Multi-function button (64DW)

Your instrument has a fully automatic volume control. Therefore, it should not be necessary to control the volume manually. However, in addition to controlling listening programs, the multi-function button (64DW only) provides you with the ability to adjust the amplification to your liking.

The multi-function button is designed to change the volume or listening programs of the hearing instrument, based on different ways it is pressed. If necessary, your hearing care practitioner can change these settings and fill in the following table to indicate the new settings:

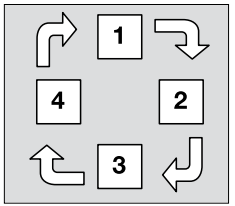
Multi-function button action	Default setting	New setting
Short press up	Increases volume	
Short press down	Decreases volume	
Long press up (3 seconds)	Changes programs	
Long press down (3 seconds)	Activates streaming*	

*Wireless streaming only applicable when using Beltone Direct Line accessories.

Note: If you have two hearing instruments with the Ear to Ear Synchronization function enabled and you have the Multifunction Button set for volume control functionality, volume adjustments to one instrument will automatically repeat in the second instrument. When a volume control adjustment is made in one instrument, you will hear a confirmation beep. A beep in the second instrument will follow.

When using the program or multi-function buttons to switch programs, each press will move the instrument to the next program. For example, if it was in program 1 it will switch to program 2, if it was in program 2 it will switch to program 3 etc. If programs 2, 3 or 4 are not activated, nothing will happen. Your instrument will give an audible signal after pressing the program or multi-function buttons.
A little later, the instrument will give:

- one single beep if set in program 1
- two beeps if set in program 2
- three beeps if set in program 3
- four beeps if set in program 4



When you close the battery door and switch the instrument on, it will start in program 1. Press the program or multi-function buttons if you want to move to a different listening program.

Let your hearing care practitioner fill out the following table:

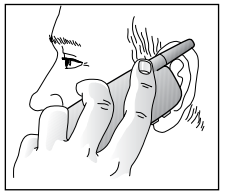
Program number	Type of program	Intended for
1		
2		
3		
4		

Note: If you have two hearing instruments with the Ear to Ear Synchronization function enabled, program changes to one instrument will automatically repeat in the second instrument. When a program change is made in one instrument, you will hear the same amount of confirmation beeps in the second instrument.

Telephone use

Your hearing instrument allows you to use the telephone as you ordinarily do. Hold the phone up to your ear as you normally would. It is possible you will hear clearer if you hold the phone towards the top of your ear (closer to where the microphones are located).

If you experience discomfort from the dome pressing in your ear canal, you may need a different size sound tube. In this case contact your hearing care professional.



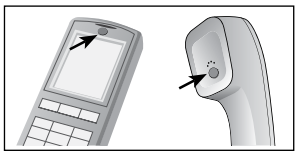
Your hearing care professional can design a telephone program that you can switch to when using the phone. This program is designed to ease listening on a phone. If you have a hearing instrument with a program button, you can switch to this program manually. Your hearing care professional can also enable the Auto-phone function to switch to the telephone program automatically.

Auto-Phone

The Auto-Phone function, allows your hearing instrument to automatically switch to your telephone program when a telephone receiver is raised to the ear. When the telephone receiver is removed from the ear, the hearing instrument automatically returns to the previous listening program.

Placement of Auto-Phone magnets

Place Auto Phone magnet on your telephone receiver to allow operation of the Auto Phone function. In order to place magnets properly:



1. Clean the telephone receiver thoroughly.
2. Hold the telephone vertically, in a position similar to when making a telephone call.
3. Place the magnets just below the telephone receiver. Make sure not to cover the microphone openings. If necessary, move the magnet to another position to improve ease of use and comfort while speaking.
4. If you are not satisfied with the strength of Auto Phone, you can reposition the Auto Phone magnet or add additional Auto Phone magnets.

Only use recommended cleaning agent to clean the telephone prior to placing the magnet on the phone in order to obtain best possible adherence.

Auto-Phone usage

Telephones can be used in a normal manner. A short melody will indicate that the Auto-Phone feature has automatically switched to the program designed specifically for listening on the phone. Initially, you may need to move the telephone receiver slightly to find the best position for reliable Auto-Phone activation and good hearing on the telephone. If the switching mechanism is not reliable or consistent, additional magnets can be placed on the telephone.

Auto-Phone precautions

1. Keep magnets out of reach of pets, children and mentally challenged persons. If a magnet is swallowed, please seek advice from a medical practitioner.
2. The magnet used to supplement the magnetic field of a telephone receiver may affect some medical devices or electronic systems. The manufacturer of any magnetically sensitive devices (e.g. pacemakers) should advise you regarding appropriate safety precautions when using your hearing instrument and magnet in close proximity to the medical device or electronic system in question.

3. If the manufacturer cannot issue a statement, we recommend keeping the magnet or a telephone equipped with the magnet 30 cm (12”) away from magnetically sensitive devices (e.g. pacemakers).
4. High distortion during dialing or phoning may mean that the magnet is not in the optimal position relative to the telephone receiver. To avoid the issue, please move the magnet to another place on the telephone receiver.
5. Only use magnets supplied by Beltone

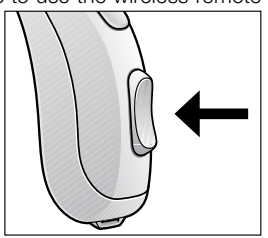
T-program (64DW Only)

Your hearing instrument has a built-in function, enabling in many cases an improved use of the telephone and better hearing in churches or halls where an induction loop system is installed. In order to activate this function, the telecoil program has to be selected (often available in program 2). In this program you will hear no sounds from the microphone, therefore most environmental sounds will be lost. If you wish, your hearing care professional can change the setting in such a way that you hear the microphone and the telecoil simultaneously.

Note: For Hearing Instruments in the True family (Models TRUXXXX-YYY), when the telecoil program has been selected, the wireless system will be disabled and it will not be possible to use the wireless remote control or receive a phone call using the Phone Link.

Using the telephone

- Switch your instrument to the telecoil program.
- Hold your telephone handset behind your ear, close to the hearing instrument (2-3 cm.) and slightly tilt the receiver outwards.



- Listen to the dail tone and move the handset a little to find the position that gives the best reception.
- After completing the phone call, switch your instrument back to the microphone program.

If the phone has a poor telecoil signal, use the microphone program. Do not hold the handset too tightly against your ear since this might cause ’whistling’.

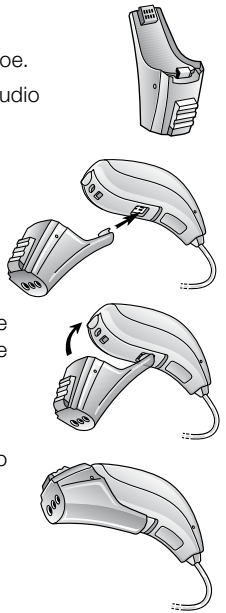
Hearing through an induction loop

More and more public places, churches, theatres and cinemas, have induction loops systems. In these particular rooms, they transmit, inductively, the sound of the presenter or show. At home, radio or television can be connected to an induction loop system. Sound quality through induction loop is often better because noises from the environment are not transmitted.

- Switch your instrument to the telecoil program.
- Choose a good spot. Reception is not clear in all locations; it depends on the position of the induction loop. Watch for signs or try a different seat yourself.
- After the service or show, switch your instrument back to the microphone program. You will now hear through the microphone again.
- If the sound of your hearing instrument in the telecoil program is very soft all the time, ask your hearing care practitioner to make an adjustment.
- Your hearing care practitioner will gladly provide you with advice regarding an induction loop system at home. Please ask for it.

Audio input (64DW Only)

Your hearing instrument is equipped with a direct audio input facility. Direct audio input allows direct connection of sound sources, a radio, television or even school equipment, to your hearing instrument. Often, this will improve sound quality.



- The sound source is connected to your instrument with a cable and an audio shoe.
- The instrument automatically detects the direct audio input source. The direct audio input supports the systems for the wireless use as well.
- In this program you will hear no sounds from the microphone, therefore most environmental sounds will be lost. If you wish, your hearing care practitioner can change the setting in such a way that you hear the microphone and the direct audio input simultaneously.

Note: For Hearing Instruments in the True family (Models TRUXXXX-YYY), when the Direct Audio Input has been activated, by correctly placing the Audio shoe, the wireless system will be disabled and it will not be possible to use the wireless remote control or receive a phone call using the Phone Link.

⚠ External devices connected to the electrical input must be safe according to the requirements of IEC 60601-1-1, IEC 60065, or IEC 60950-1, as appropriate.

Listen to radio or tv

When listening to the TV or the radio, start out by listening to news commentators since they usually speak clearly, then try other programmes.
If you find it difficult to listen to TV or radio, your hearing care professional will be able to give you advice on available accessories to enhance your listening capabilities for TV and radio.

Cellular phones

Your hearing instrument is designed to comply with the most stringent Standards of International Electromagnetic Compatibility. However, not all cell phones are hearing instrument compatible. The varying degree of disturbance can be due to the nature of your particular cellular phone or of your wireless telephony service provider.
If you find it difficult to obtain a good result while using your cellular phone, your hearing care professional will be able to give you advice on available accessories to enhance listening capabilities.

Flight mode ⚠

When boarding a flight or entering an area where RF transmitters are prohibited, wireless functionality must be deactivated as it is not allowed to radiate radio signals during flights or in otherwise restricted areas. Follow these steps to enter and leave flight mode:

For Beltone True Hearing Instruments
It is possible to disable wireless operation by opening and closing the battery compartment of the hearing instrument while at the same time pressing the program button.
When disabled manually, wireless operation may be re-enabled by opening and closing the battery com-

partment normally (i.e. without pressing the program button). 10 seconds after this operation is completed, wireless operation will begin again.

For all other wireless hearing instruments:
It is possible to disable wireless operation by performing the following sequence of operations. Note that this operation is the same for both hearing instruments with and without a program button.
Close the battery door (Hearing instrument is turned on)
Open the battery door within 10 seconds of doing operation #1 (Hearing instrument is turned off)
Close the battery door (Hearing instrument is turned on 2nd time)
Open the battery door within 10 seconds after doing operation #3 (Wireless is turned off 2nd time)
Close the battery door (Hearing instrument is turned on 3rd time)
When disabled manually, it is possible to re-enable wireless operation by opening and closing the battery door. 10 seconds after this operation is completed, wireless operation will begin again.

Daily maintenance

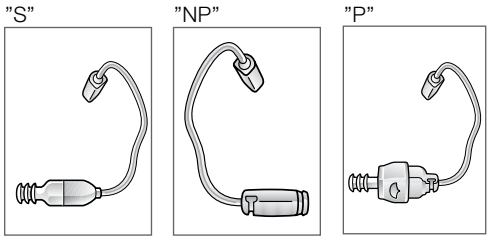
Keep your hearing instrument clean and dry. Wipe the case with a soft cloth or tissue after use to remove grease or moisture. You should avoid exposing your instrument directly to moisture such as rain or water from the shower. If your instrument does get wet or if it has been exposed to high humidity or perspiration, it should be left to dry out overnight with the battery out and the battery compartment open. It is also a good idea to put them in a sealed container together with a drying agent (dessicator) overnight. Consult your hearing care professional as to which drying agent to use.

Your hearing instrument is protected by a protective, hydrophobic nanocoat material: HPF^{80} NanoBlock. It will improve the durability of you hearing instrument by repelling moisture and debris. However, to avoid the need for unwarranted repairs:

- Never immerse the instrument in water or other liquids since this may cause permanent damage to the circuitry.
- Protect your hearing instrument from rough handling, and avoid dropping it on hard surfaces or floors.
- Do not leave the instrument in or near direct heat or sunlight since excessive heat can damage the instrument or deform the casing or the receiver tube.
- Remove your hearing instrument when applying such things as cosmetics, perfume, aftershave, hair spray, and suntan lotion. These might get into the instrument and cause damage.

The receiver tube

The receiver tube comes in three different types;
“S” (Small Size), “NP” (Normal Power) and “P” (Power)
Please see illustrations.



Depending on your hearing loss you have either been fitted with the “S”, the “NP” or the “P” receiver type. Please see page 48-52 to see your selected type. The receiver tube contains the wiring to the receiver which delivers the sound direct in the ear canal. It is important that the receiver tube and the receiver dome/RIE mold fit correctly into your ear. If the receiver tube or the receiver dome/RIE mold irritate your ear in any way and prevent you from wearing your hearing instrument, please contact your hearing care professional. You should never attempt to modify theshape of the receiver tube yourself. The receiver tube and the receiver dome/RIE mold should be cleaned regularly.

Cleaning the receiver tube and the receiver domes

The receiver tube and the receiver dome should be cleaned regularly. Use a damp cloth to clean the receiver tube and receiver dome on the outside. Do not use water when you are cleaning the receiver tubes or the receiver domes.

Cleaning the RIE mold

We recommend that you use a damp cloth to clean the RIE mold after every time you use it. It’s important to keep it clean from wax so that you will not have wax or bacteria building up on the mold.

If you no longer can clean the RIE mold using a damp cloth we recommend you to contact your hearing care professional for them to clean it, using water and soap. If desired, you can have your hearing care professional instruct you how to clean the RIE mold yourself.

The receiver domes

The receiver Mini Dome / Tulip Dome / Power Dome should be changed every third month or sooner if needed. We recommend that you have your hearing care professional change the receiver Mini Dome / Standard Dome / Power Dome for you. If your hearing care professional instructs you to change the receiver domes yourself, make sure that they are securely fastened to the receiver tube before inserting them in your ear. A failure to change the domes in accordance with the instructions could result in injury.

Wax guard filters

Your hearing instruments have been fitted with wax guard filters to increase the protection against wax and moisture from damaging the hearing instrument.

We recommend that your hearing care professional change them for you. If desired, you can have your hearing care professional instruct you how to change the wax guard filters yourself.

Tinnitus Breaker Pro

Your Beltone hearing instrument models may also include a tinnitus sound generator function, a tool for generating sounds to be used in tinnitus management programs to relieve suffering from tinnitus. Tinnitus Breaker Pro can generate sounds adjusted to the specific therapeutic needs and your personal preference as determined by your doctor, audiologist, or hearing care professional.
Depending on the selected hearing instrument program and the environment you are in, you will sometimes hear the therapeutic sound resembling a continuous or fluctuating whistling.

If you have two hearing instruments with the Ear to Ear Synchronization function enabled, Tinnitus Breaker Pro will generate the same sound in both instruments simultaneously.

Important Notice to Prospective Users

Good health practice requires that a person with a hearing loss and/or a tinnitus condition has a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear)before using a hearing instrument and/or a sound generator. The purpose of a medical evaluation is to ensure that all medically treatable conditions that may affect hearing and/or tinnitus are identified and treated before the hearing instrument and/or sound generator is used.

The sound generator instrument is a tool to generate sounds to be used with appropriate counseling and/or in a tinnitus management program to relieve patients suffering from tinnitus.

Prescription Use for Sound Generator Users

Please use the device as prescribed by your doctor, audiologist, or hearing care professional. Should you develop any side effects from using the instrument, such as dizziness, nausea, headaches, perceived decrease in auditory function or increase in tinnitus perception, you should discontinue use of the device and seek medical evaluation.

The target population is primarily the adult population over 18 years of age. This product may also be used with children 5 years of age or older. However, children and physically or mentally challenged users will require training by a doctor, audiologist, hearing care professional or the guardian for the insertion and removal of the device.

CAUTION – Tinnitus Sound Generator ⚠

The maximum output of the Tinnitus Breaker Pro feature falls into the range that can cause hearing loss according to OSHA regulations.

The user should not use the sound generator for more than eight (8) hours a day when this is set below 90db SPL. Above that level, the device should not be used for more than two hours per day. In no case should the sound generator be worn at uncomfortable levels.

Children and physically or mentally challenged users will require guardian supervision while wearing the device.

General warnings/or precautions

Hearing instruments and sound generators can be dangerous if improperly used.

Sound generators should be used only as advised by your doctor, audiologist, or hearing care professional.

Sound generators are not toys and should be kept out of reach of anyone (especially children and pets) who might cause themselves injury.

Please note that sound during DFS calibration may cause discomfort for hypersensitive Tinnitus patients.

General precautions ⚠

- Do not leave your instrument in the sun, near an open fire or in a hot, parked car.
- Do not wear your instrument while showering, swimming, in heavy rain or in a moist atmosphere such as steam bath or sauna.
- Should your instrument become moist, put it in a dessicator. Your hearing care professional will be happy to counsel on this.
- Remove your instrument when applying cosmetics, e.g. perfume, aftershave, hair spray, suntan lotion.
- Wearing an instrument might cause an increased production of earwax. In rare cases, the anti-allergenic materials may cause skin irritation. If so, or if in doubt, consult your physician or ENT.
- For use of wireless functionality, only use Beltone Direct Line accessories. For further guidance, please refer to the relevant Beltone Direct Line user guide.
- Only connect Beltone hearing instruments to Beltone accessories intended and qualified to be used with Beltone hearing instruments.
- When wireless function is activated, the device uses low-powered digitally coded transmissions in order to communicate with other wireless devices. Although unlikely, nearby electronic devices may be affected. In that case, move the hearing instrument away from the affected electronic device.
- When using wireless functionality and the devices are affected by electromagnetic interference, move away from the source of interference.
- This device operates in the frequency range of 2.4 GHz - 2.48 GHz. (63DW and 64DW models)
- This device includes a RF transmitter that operates in the range of 2.4 GHz - 2.48 GHz. (63DW and 64DW models)

General warnings ⚠

Hearing instruments can be dangerous if improperly used.

- Consult a physician if you find a foreign object in your ear canal, if you experience skin irritation or if excessive ear wax accumulates with the use of the instrument.
- Different types of radiation, (e.g. from X-ray, MRI, NMR, CT scans), may damage the instrument. Therefore, do not wear the instrument during these or other corresponding scanning procedures. Other types of radiation (burglary alarms, room surveillance systems, radio equipment, mobile telephones, etc) will not damage the instrument. They could, however, momentarily affect the sound quality or create strange sounds from the instruments.
- Do not wear the instrument in mines or other explosive areas, unless those areas are certified for hearing instrument use.
- Do not allow others to use your hearing instrument. This may cause damage to the hearing instruments or to the hearing to the other individual.
- Instrument usage by children or mentally challenged persons should be supervised at all times to ensure their safety.
- Instruments should be used only as prescribed by your hearing care professional. Incorrect use may result in sudden and permanent hearing loss.
- The instrument contains small parts that could be swallowed by children. Please be mindful not to leave children unsupervised with this hearing instrument.
- Turn off your wireless functionality by using flight mode in areas where radio frequency emmissions are prohibited.

- Be careful when boarding flights to deactivate the wireless functionality
- If device is broken, do not use.

Eight steps towards better hearing

You need to get used to your new hearing instrument. Sounds seem new and different. That is because you grew accustomed to your diminished hearing. Therefore, familiar sounds seem strange or unnatural at first. Every first-time user of a hearing instrument responds differently to this. Some can wear the new instrument a whole day right from the start, while others find it hard to get used to.
After a while, you will notice you appreciate hearing with a hearing instrument and that you will find it quite normal. Below, eight steps are described that will guide you through the initial period. If you are not satisfied or keep experiencing problems, please consult your
hearing care practitioner.

1. Get used to familiar sounds at home

Try to get used to the new sounds from a familiar environment. Listen to the different (background) sounds and try to recognise them. When you are tired from listening, remove your instrument and pause for a while. Talk or read aloud for a while. In that way you will familiarise yourself with the sound of your own voice. Gradually, you will learn to use the instrument for longer and become more comfortable with it.

2. Listen outside; quiet & traffic

Go outside to a quiet place, e.g., the park or woods. Listen to the environmental sounds. Do you recognise them? Please be careful with sounds from heavy traffic at this stage of getting used to your instrument. Sometimes it sounds very loud. Try not to get frightened.

3. Have a conversation with a single person

Use your instrument in conversation with one person, a family member or a friend. Move to a quiet spot. Explain that you are now wearing a hearing instrument. Ask the other person to talk normally. Look at your conversation partner. If your instrument is tuned to your requirements you will be able to communicate better than before.

4. Listen to radio or television

Listen to the radio or television. Start with the news, then turn to another program. Ask a ‘normal hearing’ person to set the volume of your radio or television to a comfortable level. If necessary, adjust the volume on your hearing instrument.
If you cannot understand the radio or television, ask your hearing care practitioner to adjust your hearing instrument.

5. Get used to conversations in a group

Following conversations in a group is often difficult because of the background noise. Listen to the different voices. Try to recognise them by timbre or rhythm and link each voice to a person. Focus your attention on the person you want to understand. Practice this regularly.
If you did not understand something that was said, please ask for itto be repeated.
Ensure that you can see the face of your conversation partner(s) clearly and that there is sufficient light. This will help you to lipread. Avoid ‘looking into the light’. Position yourself with your back towards the window, so that you can see the other person(s) better. Ask others to talk slowly and clearly. Talking louder does not help.

6. Visit public buildings
Visit public buildings. Try to sit near the speaker; try to be seated in the front rows in a show. Avoid a seat behind a pillar or in an alcove, you will be in a ‘sound shadow.’
In a restaurant, sit with your back towards the wall. This avoids disturbing noises coming from behind you.

7. Use your telephone
Often, you can hear the telephone clearly with your hearing instrument in a microphone program. Hold the telephone handset 1-inch (2-3cm) from your ear and tilt the receiver outwards a little.
Your hearing instrument meets strict international regulations. Therefore, it should be possible to use a GSM telephone in most cases.
However, in some circumstances, disturbance might be audible through your hearing instrument.

8. Use your instrument all day
Using your hearing instrument and practising with it is the best way to learn to hear again. Even if you can hear without an instrument in some cases. Try to wear your instrument all day. In that way, you will benefit the most.

Of course, a hearing instrument cannot restore natural hearing, but it will help you make the most of your hearing as it is today.

Go beyond these eight steps and discover the world of sound around you. Do the things you enjoy and listen to the sounds from your environment.

TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE	POSSIBLE REMEDY
Device is dead	Not turned on	Turn on
	Dead battery	Replace battery
	Battery improperly inserted	Insert battery properly
	Broken receiver or receiver tube	Consult your hearing care professional
	Blocked wax guard filter	Consult your hearing professional or if you have been instructed change receiver dome or/and wax guard filter
Not loud enough	Receiver dome not inserted properly	Reinsert carefully
	Blocked wax guard filter	Consult your hearing professional or if you have been instructed change receiver dome or/and wax guard filter
	Change in hearing	Consult your hearing care professional
	Excessive ear wax	Consult your physician
	Hearing instrument settings not optimum	Consult your hearing care professional

TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE	POSSIBLE REMEDY
Whistles	Receiver tube and receiver dome not inserted properly in the ear	Reinsert carefully
	Hearing instrument settings not optimum	Consult your hearing care professional
Not clear, distorted	Weak battery	Replace battery
	Poorly fitting receiver tube	Consult your hearing care professional
	Hearing instrument damaged	Consult your hearing care professional
	Hearing instrument settings not optimum	Consult your hearing care professional

Technical specifications

Audio signal technology

Digital

Available sounds – Tinnitus Breaker Pro sound generator

White noise signal which can be shaped with the following configurations:

- High-pass filter: 500Hz
- High-pass filter: 750Hz
- High-pass filter: 1000Hz
- High-pass filter: 1500Hz
- High-pass filter: 2000Hz
- Low-pass filter: 2000Hz
- Low-pass filter: 3000Hz
- Low-pass filter: 4000Hz
- Low-pass filter: 5000Hz
- Low-pass filter: 6000Hz

The white noise signal can be modulated in amplitude with an attenuation depth of up to 14dB.
Hearing instrument maximum output and Tinnitus Breaker Pro sound generator maximum overall output (IEC 118-0 OES)

Model	Hearing instrument max output (IEC 118-0 OES)	Tinnitus Breaker Pro sound generator max overall output (IEC 118-0 OES)
TRU62D	125 dB SPL	90 dB SPL
TRU62DO	124 dB SPL	90 dB SPL
TRU62DP	128 dB SPL	90 dB SPL
TRU62DPO	128 dB SPL	90 dB SPL
TRU63DW	125 dB SPL	90 dB SPL
TRU63DWO	124 dB SPL	90 dB SPL
TRU63DPW	128 dB SPL	90 dB SPL
TRU63DPWO	128 dB SPL	90 dB SPL
TRU64DW	125 dB SPL	90 dB SPL
TRU64DWO	124 dB SPL	90 dB SPL
TRU64DPW	128 dB SPL	90 dB SPL
TRU64DPWO	128 dB SPL	90 dB SPL

Model	Hearing instrument max output (IEC 118-0 OES)	Tinnitus Breaker Pro soundgenerator max overall output (IEC 118-0 OES)
PSE1764-DRPW	128 dB SPL	90 dB SPL
PSE1764-DRPWO	128 dB SPL	90 dB SPL
PSE1764-DRW	125 dB SPL	90 dB SPL
PSE1764-DRWO	124 dB SPL	90 dB SPL
PSE1764-DRSW	123 dB SPL	90 dB SPL
PSE1764-DRSWO	123 dB SPL	90 dB SPL
PSE1763-DRPW	128 dB SPL	90 dB SPL
PSE1763-DRPWO	128 dB SPL	90 dB SPL
PSE1763-DRW	125 dB SPL	90 dB SPL
PSE1763-DRWO	124 dB SPL	90 dB SPL
PSE1763-DRSW	123 dB SPL	90 dB SPL
PSE1763-DRSWO	123 dB SPL	90 dB SPL
PSE1762-DRP	128 dB SPL	90 dB SPL
PSE1762-DRPO	128 dB SPL	90 dB SPL
PSE1762-DR	125 dB SPL	90 dB SPL
PSE1762-DRO	124 dB SPL	90 dB SPL
PSE1762-DRS	123 dB SPL	90 dB SPL
PSE1762-DRSO	123 dB SPL	90 dB SPL

Temperature test, transport and storage information

Beltone Hearing Instruments are subjected to various tests in temperature and damp heating cycling between -25 C and +70C according to internal and industry standards.

During transport or storage, the temperature should not exceed the limit values of -20C (68F) to 60C (140F) and relative humidity of 90% RH, non condensing (for limited time). The air pressure between 500 and 1100 hPa (mbar) is appropriate.

International warranty, service and repairs

Beltone provides a warranty on hearing instruments in the event of defects in workmanship or materials, as described in applicable warranty documentation

In its service policy, Beltone pledges to secure functionality at least equivalent to the original hearing instrument.

As a signatory to the United Nations Global Compact initiative, Beltone is committed to doing this in line with environment-friendly best practices. Hearing instruments therefore, at Beltone's discretion, may be replaced by new products or products manufactured from new or serviceable used parts, or repaired using new or refurbished replacement parts.

The warranty period of hearing instruments is designated on your warranty card, which is provided by your hearing care professional.

If your Beltone hearing instrument malfunctions, it must be repaired by a qualified technician. Do not attempt to open the case of the hearing instrument since this would invalidate the warranty. If your Beltone hearing instrument requires service, please contact your hearing care professional for assistance.

Your selected model

Your hearing care professional place a check mark in the below table to identify the model you have received.

	Beltone True	Type	Battery size	Receiver tube type and length/size
☐	TRU1764DW	RIE	312	
☐	TRU1764DWO	RIE	312	
☐	TRU1764DPW	RIE	312	
☐	TRU1764DPWO	RIE	312	
☐	TRU964DW	RIE	312	
☐	TRU964DWO	RIE	312	
☐	TRU964DPW	RIE	312	
☐	TRU964DPWO	RIE	312	
☐	TRU664DW	RIE	312	
☐	TRU664DWO	RIE	312	
☐	TRU664DPW	RIE	312	
☐	TRU664DPWO	RIE	312	
☐	TRU1763DW	RIE	312	
☐	TRU1763DWO	RIE	312	
☐	TRU1763DPW	RIE	312	
☐	TRU1763DPWO	RIE	312	

	Beltone True	Type	Battery size	Receiver tube type and length/size
☐	TRU963DW	RIE	312	
☐	TRU963DWO	RIE	312	
☐	TRU963DPW	RIE	312	
☐	TRU963DPWO	RIE	312	
☐	TRU663DW	RIE	312	
☐	TRU663DWO	RIE	312	
☐	TRU663DPW	RIE	312	
☐	TRU663DPWO	RIE	312	

	Beltone True	Type	Battery size	Receiver tube type and length/size
☐	TRU363DW	RIE	312	
☐	TRU363DWO	RIE	312	
☐	TRU363DPW	RIE	312	
☐	TRU363DPWO	RIE	312	
☐	PSE1764-DRPW	RIE	312	
☐	PSE1764-DRPWO	RIE	312	
☐	PSE1764-DRW	RIE	312	
☐	PSE1764-DRWO	RIE	312	
☐	PSE1764-DRSW	RIE	312	
☐	PSE1764-DRSWO	RIE	312	
☐	PSE1763-DRPW	RIE	312	
☐	PSE1763-DRPWO	RIE	312	
☐	PSE1763-DRW	RIE	312	
☐	PSE1763-DRWO	RIE	312	
☐	PSE1763-DRSW	RIE	312	
☐	PSE1763-DRSWO	RIE	312	
☐	PSE964-DRPW	RIE	312	
☐	PSE964-DRPWO	RIE	312	

	Beltone True	Type	Battery size	Receiver tube type and length/size
☐	PSE964-DRW	RIE	312	
☐	PSE964-DRWO	RIE	312	
☐	PSE964-DRSW	RIE	312	
☐	PSE964-DRSWO	RIE	312	
☐	PSE963-DRPW	RIE	312	
☐	PSE963-DRPWO	RIE	312	
☐	PSE963-DRW	RIE	312	
☐	PSE963-DRWO	RIE	312	
☐	PSE963-DRSW	RIE	312	
☐	PSE963-DRSWO	RIE	312	
☐	TRU1762D	RIE	10A	
☐	TRU1762DO	RIE	10A	
☐	TRU1762DP	RIE	10A	
☐	TRU1762DPO	RIE	10A	
☐	TRU962D	RIE	10A	
☐	TRU962DO	RIE	10A	
☐	TRU962DP	RIE	10A	
☐	TRU962DPO	RIE	10A	

	Beltone True	Type	Battery size	Receiver tube type and length/size
☐	TRU662D	RIE	10A	
☐	TRU662DO	RIE	10A	
☐	TRU662DP	RIE	10A	
☐	TRU662DPO	RIE	10A	
☐	PSE1762-DRP	RIE	10A	
☐	PSE1762-DRPO	RIE	10A	
☐	PSE1762-DR	RIE	10A	
☐	PSE1762-DRO	RIE	10A	
☐	PSE1762-DRS	RIE	10A	
☐	PSE1762-DRSO	RIE	10A	
☐	PSE962-DRP	RIE	10A	
☐	PSE962-DRPO	RIE	10A	
☐	PSE962-DR	RIE	10A	
☐	PSE962-DRO	RIE	10A	
☐	PSE962-DRS	RIE	10A	
☐	PSE962-DRSO	RIE	10A	

Be aware of information marked with the warning symbol

WARNING points out a situation that could lead to serious injuries,
CAUTION indicates a situation that could lead to minor and moderate injuries.

Equipment includes RF transmitter.

Product is a Type B applied part.

Advice and tips on how to handle your hearing instrument better.

Please ask your local hearing care professional concerning disposal of your hearing instrument

CE 0297

Any issues relating to the EU Medical Device Directive 93/42/EEC, or Council Directive 1999/5/EEC on Radio Equipment and Telecommunications Terminal Equipment should be directed to Beltone A/S.

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